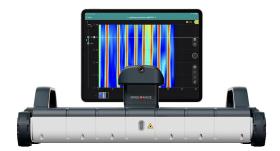
## Very productive and large-scale multi-scan.



#### **GP8100**

Productive portable concrete GPR arrays allow for rapid object detection and excellent data collection

- Wide scan width, high scan speed, class penetration depth is optimal
- Fast detection of objects of any size in the Super Line Scan View
- Collect high density and accurate GPR data with one superline scan

#### application:

- Extensive concrete inspection of all buildings or bridge slabs
- Detection and damage prevention of objects before excavation, excavation, and cutting into concrete
- GPR data collection for concrete structure evaluation and post-processing data.
- Specific quality evaluation

# An innovative portable concrete GPR array with unprecedented data clarity



## **Productivity**

Effective scan widths of 25cm and 80cm penetration depth improve scan efficiency, with one scan equivalent to six traditional line scans.



#### Visualization

Super Line Scan View allows you to detect objects of any size and mark concrete surfaces easier and faster than ever.



### density

The high scan speed of 1" 200 scans per second allows for extremely dense GPR data collection in one super line scan, visualized with six traditional line scans.

# specification



**musical instrument** Technical specifications



**proceq gpr app**Technical specifications

Radar Technology Step Frequency Continuous Wave (SFCW) GPR

Modulated frequency range 400-4000MHz

Intrusion depth 80cm/31.5inch

battery Flight Safety, Removable Pack, 8x AA (NIMH)

**size** 41.5 x 22.5 x 13.2cm 16.3 x 8.9 x 5.2 inches

Weight 3.0 kg / 6.6 lbs (excluding battery pack)

Ground height 0.8cm / 0.32 inch

antenna 6

Distance to the edge of the antenna 8.3cm/3.27inch

**Special features** All-wheel drive with high traction wheels and laser light guide

USB-C tethering for mobile batteries

Connection Wi-Fi to display unit (802.11n)

USB-C for Wi-Fi restricted areas

**Autonomy** 3 hours (up to 8 hours with a commercially available 10"000mAh mobile battery, sold separately)

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**Measurement mode** Super Line Scan (1000m/3281ft) Area Scan (using flexible grids up to 100m2/1076 FT2)

Review Mode Super Line Scan¹ a-scan (including envelopes) Migrated view Unmigrated view Split View¹ Time Slice View² Basic 3D view ar

Advanced visualization Time Slice View Pro

3D view

Augmented Reality (AR)

Report Workspace Integration Automatic logbook Seg-y exports Instant Report Generation Share via URL

**Export format JPG PNG CSV SEGY HTML** 

View specifications\* We recommend the latest Apple® iPad

(iPads on iOS 11.0 or later)

Screen size: 7.9 inches to 12.9 inches Resolution: Maximum 2732 x 2048

Memory: Maximum 2TB

Weight: Lightweight from 301g/10.6oz Camera: Width 12mp, Width 10mp Options: USB-C, 5G, Face ID

Display sensor\* lidar scanner (optional)

3-axis gyro Accelerometer Ambient light sensor barometer Embedded GPS/GNS

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